

# Millennium | 3™

## SPECIFICATIONS

### I. Specification Overview

- A. Basic styling of the Blanton & Moore Millennium 3 line of Library furnishings features welded steel end frames with numerous panel end and trim options.
- B. The panels of the end assemblies may be left open or be provided with floating wood panels or decorative metal grilles.
- C. Work surface tops are 1 1/4 inches thick, surfaced in high-pressure plastic laminates and externally edged in “SWS” (the selected wood species). Work surfaces can be furnished in wood veneer for an additional cost.
- D. Stretcher keels will provide structural support and wire management for trestle end and panel end tables where required.

### II. Materials

- A. Welded End frames shall be fabricated from 14 ga. CFPO welded steel tubing. Each weld joint shall be a M.I.G. or T.I.G. weld as required by application and shall be ground smooth and flush with no over grinds, dips, or offsets. All exposed surfaces shall be entirely free of visible machine marks. The resulting quality shall be furniture grade steel components reflecting the highest standards of workmanship, construction, and manufacturing.
- B. Floating panel options include perforated decorative metal grilles attached to metal frames with small angles and button head machine screws or 3/4 inch plywood panels of 3-ply construction with edges banded using matching wood veneer.
- C. Trim options include “SWS” wood caps of various styles and profiles.

- D. Plastic laminate tops are 1 1/4 inches thick, 3-ply construction of .050 high-pressure plastic laminate over particleboard core having a minimum .040 plastic backing on the underside. Tops shall be externally banded on all edges with solid "SWS"; the width of the forward edges being 1 1/2 inches wide machined to a full bull nose. The end edges are 1/2 inch thick and rectangular in profile. The rear edges of carrel tops (along the cord slot) are edged by a 1/2 x 1 3/4 inch strip to retain small items and/or the spillage of liquids. The ends of the top on trestle base tables project 3 inches past the trestle end frame assembly and are cut to an elliptical shape and externally edge banded with 1/4 inch "SWS". Tops are attached to the end frames with 12 ga. steel mounting brackets of "Z" configuration having one leg routed into the bottom of the top and attached by deep thread wood screws into the top core. The "Z" bar brackets are attached to the end frame assemblies by 5/16-18 hex head machine screws and star washers. On panel end tables, carrels, and similar items, the tops are adjustable at 27 and 28 1/2 inch heights.
- E. Stretcher keel assemblies located beneath the tops of all tables are of boxed construction and have twin "SWS" plywood panels assembled with 14 ga. steel brackets attaching the assembly to the table end assemblies and underside of the top. The assembly provides easily accessible wire management the full length of the table.

### III. Finish

- A. Metal Finish: All metal components will receive an extremely durable and attractive black, textured, powder coat finish.
- B. Wood Finish: All exposed wood surfaces shall be thoroughly inspected and hand-sanded to assure that any machine marks or blemishes are removed prior to finishing. Finishing shall include necessary toner required to achieve a clear, sharp, uniform color matching the selected finish. After proper drying all surfaces shall receive a coat of high solids vinyl sealer. Following proper drying and hand sanding, all exposed surfaces shall be coated with high resistant catalyzed nitrocellous lacquer dried to a medium low sheen. Finish shall be uniformly and smoothly applied consistent with the best practices achieving an undistorted enhancement of the natural beauty of the wood.